Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 21 Jan 2023 until 23:59 on Sunday 22 Jan 2023

Forecast Issued on Saturday 21 Jan 2023 at 04:15

Confidence: High confidence for a mostly settled but cold weekend, with milder conditions expected to move south next week with some light rain and a gradual thaw of snow at most levels by the middle of the week. However, lower confidence at the timing of the milder air moving south over England. Lower confidence for cloud amounts and timings of rainfall.

Headline for Saturday 21 Jan 2023: A dry, bright and sunny day, but still feeling cold.

Mountain weather hazards on Saturday 21 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny intervals	Clear night	Clear night
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Saturday 21 Jan 2023

Weather: A clear start, with areas of mist or freezing fog, especially in valleys, and then a largely sunny day. The mist and fog may persist in places today, particularly in the valleys, but where the fog gradually clears some temporary thin cloud layers could lift to the summits. Clear this evening with temperatures quickly falling this evening.

Chance of cloud-free hill tops above 600m: Generally 95%, but some patchy cloud is possible around the tops from late morning to early afternoon as the fog lifts and clears.

Low cloud and visibility: Visibility will be very poor with the fog, temporarily poor with any lifting fog around the tops, but otherwise good or very good with distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 21 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/17 SE	11/16 SE	13/18 S	12/18 S	14/23 S	15/25 S	18/29 S
300	4/11 E	4/11 E	9/13 S	8/14 S	9/17 S	11/17 S	12/21 S
Valley	6/12 E	6/12 E	7/12 SE	6/14 SE	6/15 SE	6/15 SE	6/17 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	1/-4	-0/-6	-1/-6	-0/-6	-1/-7	-1/-7
300	2/-1	1/-1	2/-2	2/-2	1/-3	1/-4	0/-5
Valley	-0/-3	-0/-3	2/-1	3/-0	0/-3	-0/-4	-1/-4
Freezing Level*	200m	200m	400m	400m	200m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Later in today the winds will pick up a little with fresh gusts at height enhancing the windchill. A little snow melt can be expected at low levels but winter conditions will predominate.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 21 Jan 2023	3.6mm	5.4mm	7.2mm

Forecast for Sunday 22 Jan 2023

Weather: Mostly clear at first, then later tonight cloud may arrive from the northwest. Patchy mist and fog could form before the cloud arrives, then clearing through the morning as high cloud spreads across the entire Peak District. Perhaps a few brighter spells towards eastern areas through Sunday, but generally Sunday will be cloudy. Any low level snow may begin to thaw as the freezing level lifts to 500-600m.

Maximum wind: Southerly 10-15mph with gusts 20mph easing gradually.

Chance of cloud-free hill tops above 600m: 95% or above.

Low cloud and visibility: Generally good or very good, with distinct hills clearly seen, although locally poor or very poor with early mist or fog.

Temperature: **Valleys:** Plus 2 rising to 4 Celsius.
At 600m: Minus 1 or zero Celsius.
Freezing level: 100m rising to 500-600m.

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